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TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of

Takashige HIRATSUKA et al. : Attorney Docket No. 2004_0471A

Serial No. 10/809,486 :

Filed March 26, 2004 :

TRACKING ERROR DETECTION
APPARATUS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for [] each U.S. Patent and U.S. Patent application publication [] each reference previously cited in the international application PCT/_____, and/or [] each reference previously cited in prior parent application Serial No. _____.

1a. This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) the certification of paragraph 2 below is provided, **or**

(2) the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

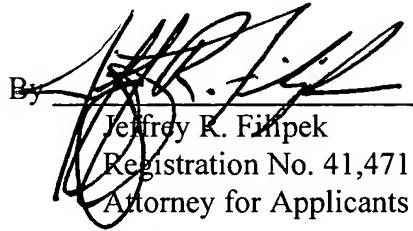
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:

- a full or partial English language translation submitted herewith,
- a foreign patent office search report (in the English language) submitted herewith,
- the concise explanation contained in the specification of the present application at page 1,
- the concise explanation set forth in the attached English language abstract,
- the concise explanation set forth below or on a separate sheet attached to the reference:

5. A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

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FORM PTO 1449 (modified)			ATTY DOCKET NO. 2004_0471A	SERIAL NO. 10/809,486			
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLICANT Takashige HIRATSUKA et al.				
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			FILING DATE March 26, 2004		GROUP		
Date Submitted to PTO: June 15, 2004			U.S. PATENT DOCUMENTS				
EXAMINER O 1 PITT JUN 15 2004 TRADEMARK OFFICE		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	2001-67690	3/2001	JP			Abstract
	AK	63-181126	7/1988	JP			Abstract
	AL						
	AM						
	AN						
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AO						
	AP						
	AQ						
EXAMINER				DATE CONSIDERED			